

16/6,K/1 (Item 1 from file: 15)

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00605700 92-20803

USE FORMAT 9 FOR FULL TEXT

Magazines in the Year 2012

Apr 1, 1992 LENGTH: 8 Pages

WORD COUNT: 5572

...TEXT: art director doesn't like any of the options from the house library, but one **photo** gives her an idea for a more appropriate piece of art. She **sends** a low-res **thumbnail** of the **image** with a note describing what she is looking for to stock **photo** houses in New York and Atlanta. Because of the magazine's standing accounts, her voice command **sends** the picture via a dedicated network directly to the agencies' databanks.

While she waits, the...

...place them precisely on the layout.

Just as she finishes the mockup, the New York **photo** agency **sends** in its selections--one of which is chosen for the layout. New York then **sends** a preliminary invoice for the selected picture, with all rights cleared for this use, which...

... goes into the final open form for the magazine version, and is sent to the **printer** by modem.

A number of readers still like to get their information on paper, but...now work with type.

For all this to happen, a device-independent interchange standard for **digital** color **image** representation is needed. There are several representation schemes currently in use. It is probable that...

... the best use of the new technology. This activity will become increasingly important as the **printer** and publisher work together to fine-tune the extended process.

DIVERSIFIED SERVICES

Many publication printers...

... or digital processing to meet the buyer's needs for quantity, quality and utility. The **printer** 's role will be to process the data files and manufacture a variety of products...Periodical Distributors Associates.

Willard G. "Bill" Hadlock is executive vice president, Leo Burnett Co. Inc.

PRINTER PROJECTIONS

Folio: asked a number of magazine printers what would be the most significant change in the publisher/ **printer** relationship over the next 20 years. Here are a few of their responses.

More and...

...will be here sooner than anyone thinks.

Clark Fine, Senior VP, Sales and Marketing American **Web** , Inc.

As publishers compete for advertising dollars, a filmless editorial close will merge with "cost..."

...on their targeted audience. On-line technology will link the publisher's office with the **printer** to assist the magazine with late closing ads, more placement versatility for their agency clients...
...Terry A. Tevis, President & CEO American Signature Graphics

Publishers can no longer rely on a **printer** who merely takes orders. They need a **printer** who can bring **order** to the creative and production process. **Printers** will not only provide technology, they will show publishers all the creative possibilities that technology...

16/6,K/2 (Item 1 from file: 16)
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04814325 Supplier Number: 47082885 (USE FORMAT 7 FOR FULLTEXT)
The Manipulation Proclamation
Feb, 1997
Word Count: 2812

... printers - dropping, photo manipulation software could become a huge market.'

Bit-by-bit (pun intended), **image** software programs, priced under \$300, are becoming available, allowing home users a simple and fun way to manipulate, personalize or enhance photographic **images**, and even **send** that perfect **image** to friends and family via the **Internet**.

Since such a high percentage of the approximately 200 million PC users in the U...

...photo software programs discussed here are sold through computer retail stores, direct mail catalogs, the **Internet**, photo retail stores and in some instances come bundled with digital cameras, printers, scanners and...

...which provides the serious amateur photographer, who's also into computers, more control over their **images**. This software combines with an overnight **digital** print solution to provide high-quality photographic prints (see article on page 67) but each can be used individually.

The program will accept **digitized images** from Kodak's PhotoCD, scanners and **digital** cameras. All of the standard **image** file formats are supported. The company will also take your slides and negatives and put ...

...editing devices to help users create that perfect image, as seen in the four flower **images** above.

Grace Stanton, representative for **Digital** Light & Color, said no retail plan is in place to date but they're working...

...Stanton, the first step will be with local retailers in Colorado offering the company's **Print Order** Software (see article on page 67).

This software is available at a retail price of...users creatively manipulate and print their photos - whether the photos have been downloaded from the **Internet**, or imported using a scanner, digital camera or a Photo CD.

The LivePix software package also includes a special offer from Kodak Digital Processing. When consumers **send** a roll of film to Kodak Digital Processing for their prints, they receive a free Kodak Picture Disk, providing an easy way for consumers to digitize their **photos** and start distorting Uncle Harry's face among many other possible projects.

This software is...

...through Broderbund Software is available for under \$100. For more information visit the company's **Internet** site at: www.livepicture.com or call (408) 438-9610.

MGI PhotoSuite 8.0 from MGI Software allows...



...order professional quality enlargements of their favorite holiday photo, place their photo album on the **Web** for others to view, e-mail an entire roll of vacation photos to friends or...

...photo gifts or organize and archive their photos electronically using a home computer and the **Internet**. Users can do more than 1,000 different things with photos using PhotoSuite including photo...

...Film Works and, in the not-to-distant future, FlashPix.

PhotoSuite captures photos using any **Internet** browser, scanner or digital camera with TWAIN support. The suggested retail price in the U...

...photo accessory to place, edit, capture, catalog, transform and have fun with photos using a **printer** or the **Internet**. With an online connection, users can e-mail their photos, post them on the **web**, or **order** special **prints** and photo gifts where such service is available. The kit offers everything one needs to...

...For more information contact MGI Software at (905) 764-7000, or visit their website at: **www**.mgisoft.com.

Microsoft Picture It! software lets consumers enhance, create and share photographic-print quality...

...create photographic-quality projects such as 11x14" collages.

From a pull-down menu, consumers can **order** photographic **prints** as well as high-quality photo gifts, such as photo albums, video case covers, custom...

...electronic slide shows directly from within Picture It! or share them over the World Wide **Web**.

Users can also take their pictures from the software and combine them with Hallmark Connections...

...Hallmark Connections.

The software is priced at approximately \$79.95. For online product information visit:

www.microsoft.com/pictureit/

Seattle Film, Works' has developed a great entry-level idea with their ...

...3.95 plus processing, Seattle FilmWorks will scan a 24-exposure roll of film and **send** it back to the consumer as 640x480, 16-million-color-potential format files, together with...

...roll of replacement film. PhotoWorks Plus software can then be used to view and print **images** on your own computer, show albums, or export to other software programs to personalize documents...

...Plus lets you print your photos using any HP-compatible color or black-and-white **printer**, and has a full import/export support to every major graphics file format, including PCX...winning PhotoImpact 3.0 software. Version 3.01 includes advanced tools and utilities for creating **web** site graphics and optimizing images for **web** site publishing. This program offers **web** site designers and Microsoft Office users a powerful one-stop, graphics solution by adding **web** functionality to an already sophisticated set of imaging tools.

Version 3.01 has powerful new features for creating outstanding and unique graphics for **web** sites. For 'Pick-and-Apply' editing, the PhotoImpact EasyPalette contains over 100 tileable patterns and...

...Once created, backgrounds can easily be viewed with the Preview feature which actually simulates a **web** page browser. Other image editing tools are included in the Effect Gallery (38 special effects...

...with image thumbnails, powerful search and sort tools quickly locate files, up to 65,535 **thumbnail images** can be saved to a single Album and **thumbnail** sizes are adjustable from 32x32 to 512x512 pixels.

The software is available at a suggested...

...and effects. Finally, iPhotoExpress provides multiple presentation options allowing users to output images to disk, **printer**, screen, fax and e-mail.

The program interface is organized into intelligent panels which guide ...

...Fax Functions, acquired images can be sent via fax or modem or duplicated with a **printer**.

The program is available for a retail price of \$49.95. For more information on these software programs, visit the Ulead Systems **web** site at www.ulead.com or call 1-800-858-5323.

16/6,K/3 (Item 2 from file: 16)
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04813917 Supplier Number: 47082463 (USE FORMAT 7 FOR FULLTEXT)
The Stamp of Technology Whiplash
Feb, 1997
Word Count: 1123

... was clear. I was asked to design a print-on-demand system based on a **digital** library of tens of thousands of stamp **images**. We had original artwork on hand from the company's other publications. It would be...

...so there was no need for the overhead of maintaining full-size as well as ' **thumbnail** ' **images**.

Also in our favor was the fact that collectors did not expect color on album...

...to the selection criteria. These catalog numbers served as unique indexes to pages of stamp **images** stored on the database. The operator would then **send** the selected pages to a **print** -on-demand, laser **printer**. We expected we could turn an **order** around overnight.

We had that rare and wonderful convergence of business and technology visions. The...

...could deliver the required functionality for \$8,000 - including PC, gigabytes of storage, scanner, laser **printer** and all necessary software. Today, in fact, it would be an easy matter to even...

...of one of those old-fashioned, single-color, steel-engraved stamps. I turned to the **Internet**.

A quick search of the 'Net revealed a treasure trove of images. I soon forgot...

...not replace, but will certainly redefine publishing. For locating, buying and selling rare stamps, the **Internet** is a uniquely well-suited tool. Buyers and sellers can be widely separated. Stocks change...

...up to the minute.

Certainly there are many forms of commerce taking place over the **Internet**, such as selling musical recordings and books. For most commerce, the 'Net is simply a...

16/6,K/4 (Item 3 from file: 16)
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04536689 Supplier Number: 46665994 (USE FORMAT 7 FOR FULLTEXT)

Net Gains

Sept, 1996

Word Count: 1204

... latest digital revolution designed to make a retailer's life 'interesting' - delivering photofinishing via the **Internet**, a/k/a the World Wide **Web** (**WWW**).

What's it all about? It's real, but it's still in its early...

...you wait, you may lose out to the competitor across the street - or across the **Web**.

What's happening is that consumers are finding uses for what photographers call 'low-res' **images** - **images** that are stored as pretty small **digital** files. They're finding these **images** are plenty good enough to drop into desktop-published newsletters and homemade greeting cards, to **send** along with e-mail messages to their friends and coworkers, and to use as computer...

...retriever or MG-B, instead of flying toasters or robot fish?

And because these small **digital image** files can be sent quickly via the Net and e-mail, they make it practical for finishers to process the customer's film, scan-in the negatives, and instantly **send** the pictures to the customer's Net address.

How small is small? We're talking...

...000,000 bytes for a full Photo CD picture (18 megabytes - Mb). The quality of **digital images** gets poorer as the number of pixels gets smaller - just as in conventional photography the...

...photography the equivalent of a disc-camera photo can look pretty good!

A 10 kb **digital image** can be good enough for a screensaver, or a modest-size image on a **Web** page - in other words, for viewing on a monitor screen, and probably not even at full-screen size.

As for 100 kb **images**, these are still small - small enough to **send** via the Net or to store in a 'slideshow' on a floppy disk. If you...

...they might tell you to forget about pictures as small as 100 kb. But these **images** can make surprisingly good prints, even 8x10s, when printed with good software, on a good **printer**, by people who know what they're doing.

I saw an impressive demo of this...

...consumers' photos, putting them onto Floppy Shots disks and uploading the image files to the **Internet** for consumers to view, retrieve and place reorders.

Judy showed me a comparison of 8x10 enlargements made from **digital image** files as small as 100 kb or even 80 kb - that's only about 1/200 the size of a Photo CD **image**. Some of the prints were made by first using the **digital** file to produce a 35mm negative on a film recorder, then enlarging the negative; other...

...for color and density - and not being able to tell which is which.

But with **digital images**, smart software can re-create the missing pixels. This means that online photofinishers don't necessarily have to work from customer's negatives. Instead, you could work from small **image** files, which are cheap to produce, easy to store and retrieve and fast to **send** on the **Internet**. And the prints you make from those small files can still look good!

Online Processing...

...usual. But then you scan either the negatives or the prints, which gives you a **digitized image** of each picture in the roll. There are scan-and-**digitize** systems ranging from low-cost manual setups for handling just a few rolls a day all the way up to high-speed, large volume equipment.

Then you upload Joe's **digitized images** to your site on the

Internet 's World Wide **Web** - your own **Web** address would be something like **www.yourlab.com**. And you **send** Joe an e-mail message saying, 'Your **photos** are ready!'

From wherever he happens to be, Joe logs on to your **Web** site and types in his receipt number and password. Bingo! Up on his computer screen comes the online equivalent of an index print, showing miniature '**thumbnail**' **images** of all the pictures in the roll. For each picture, Joe can download the **digital image** file into his computer, so he can use it in his word processor and print it out on his desktop **printer**. Just as easily, he can e-mail the image file to his friends. And he...

...brief note or a long, detailed description, and the caption will stay attached to the **digital image**.

Best of all, from your point of view, he can **order prints** and enlargements. For each shot he likes, he just clicks on that **thumbnail image** and in a few seconds the photo appears on his screen, postcard-size. When he...

...all, when Joe and Jane Customer come up to your finishing counter and ask for **Internet** service, you want to say, 'Yes, we can do that.'

Because online delivery is a...

16/6,K/5 (Item 1 from file: 275)
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01928151 SUPPLIER NUMBER: 18204879 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Photo play. (guide to image editing) (includes related articles on file format choices, resolution, fun projects to do with digitized photos) (Technology Information)

June, 1996

WORD COUNT: 5847 LINE COUNT: 00440

...ABSTRACT: space to convert them to a standard file format. PictureWeb offers a service that stores **digitized** photos on the World Wide **Web**. Many photofinishers **digitize images** to Kodak Photo CD format, which offers very high resolution and color accuracy. Photo CD...

...scanning services. Storm Software's EasyPhoto Reader is an innovative scanner that scans snapshots only. **Digital** cameras let users create **digital images** directly, often for less than \$1,000. **Image** -editing software is a necessity; good products for hobbyists include Adobe's PhotoDeluxe and PictureWorks...

... means of new, inexpensive home hardware now on the market. Once your photos have been **digitized**, you can then use a range of **image** -editing programs to turn your Mac into a virtual darkroom.

The programs we tested let...

...A few photofinishing companies now offer digitizing as an option with a regular developing and **printing order**. When you get your **prints** and negatives back, sometimes in as few as two days, the envelope also contains a...

...essence, you can shave off a few days by downloading your pictures from Seattle FilmWorks' **Web** page (<http://www.filmworks.com>) at no extra charge. If you're using a 28.8-kbps modem...

...notorious space hogs, your hard disk tends to fill up fast. One company, PictureWeb (<http://www.pictureweb.com>), offers a solution: After digitizing your pictures, the company stores them for you on the **Web**. You and your designated friends can then punch in a private password to browse through...

...your screen, even if you're using a 28.8-kbps modem. Click on a

thumbnail to see a larger version of a selected **image** , and then download it if you want that **image** .

Besting the photos-on-floppy **digitizers** , PictureWeb offers several choices of format (JPEG, GIF), compression, and resolution (choose custom resolutions of...as well as the originals of any images you download, stay safely in PictureWeb's **Web** space. You pay \$24 to store up to 100 **images** for a year.

PictureWeb charges \$28 to develop, print, and **digitize** a 24-exposure roll, but it plans to drop this price to \$12 by the...

...your part. Best of all, scans match the original image quite closely and the maximum **image** resolution, 200 dpi, tops that of **digital** cameras and budget **digitizers** .

Digital Cameras. Need the shortest-possible turnaround time? Bypass film entirely by capturing images digitally...

...cameras. They offer autofocus and autoexposure, so they operate like traditional point-and-shoot cameras. **Digital** cameras' claim to fame: They have no film.

Instead, **images** are stored in the camera's built-in memory and can be transferred to your computer via a cable that connects the camera to your computer's modem or **printer** port. You can go from releasing the shutter to viewing your photos on-screen in...d rather have Tyra Banks' or Jackie Chan's body instead of your own.

Fortunately, **image** -editing software gives you the means to enhance your **digitized** photos. Programs aimed at hobbyists sport low sticker prices as well as friendly interfaces.

You...

...utilities that are provided by Konica PictureShow and Seattle FilmWorks and that offer very rudimentary **image** -editing features.

Digital cameras usually come with more-substantial software. Apple PhotoFlash, which is bundled with Apple's...Pages under Desktop Publishing). For photographic-quality prints, ask for output on a dye-sublimation **printer** , which offers a richly colored, lustrous finish similar to that of a glossy photograph.

The dye-sub printers at service bureaus can output **images** with dimensions as large as 12 x 18 inches, but if you want photographic-quality ...

...you can store in your wallet, take a look at Fargo Electronics' FotoFun! dye-sub **printer** . Ideal for home users, this shoe-box-sized \$499 **printer** is so easy to install and use that in less than ten minutes, you'll be printing your kid's best baby pictures to **send** to grandma. Maximum output size is 4 x 6 inches, and you have to use...

...longer the exclusive purview of graphics professionals. New services and products offer myriad ways to **digitize** and manipulate **images** , at prices well within the reach of most hobbyists. And there's certainly no shortage ...

...the TIFF or PICT formats if your final output will be to a non-PostScript **printer** .

GIF

(Graphic Interchange Format)

If you plan to post your **images** online, GIF is a smart bet, because its relatively small file size allows **images** to **transmit** quickly over the **Internet** . This format is a poor choice for most other uses, however; because GIF files are...also take up more space on your hard disk than low-resolution, less visually exact **images** . They also usually cost more to **digitize** . In order to save yourself some time, money, and hard-disk space, you should figure...

...in terms of pixel dimensions, which measure the long and short sides of a rectangular **image** . Seattle FilmWorks' **digitizing** service and the

Apple QuickTake 150 camera, for example, both provide images at a 640...

...you'll quickly see that even the lowest-resolution desktop scanners can provide higher-resolution **images** than most value-priced **digitizing** services or **digital** cameras -- as long as your scanned print is at least 4 x 6 inches.

But...

...does, an image with a higher resolution than you need will cause your computer and **printer** to grind away needlessly, and you'll waste hard-disk space storing mammoth files. A...

...a hobbyist, final output is most likely on either your screen or a color inkjet **printer** . If you plan to output to screen, you'll need to scan your image at...

...the Monitors control panel.

However, if you plan to print to a desktop color inkjet **printer** , you'll probably need a higher resolution. Say you've got a 360-dpi color inkjet **printer** and you want to use it to print a photographic image. Scan the photograph at 360 dpi, right? Wrong. That'd be too easy.

The bad news is that **printer** resolutions aren't equal to scanning resolutions. The good news is that it's easy...

...need. Here's a handy tip: To figure out the scanning resolution needed, divide the **printer** 's resolution by 3. You'll see that your 360-dpi color inkjet **printer** can make use of the information in a 120-dpi scanned image. (FYI, according to...

...The bottom line? If you're outputting to screen or to a low-end inkjet **printer** , a budget scan or a low-end digital camera will provide ample resolution -- much of...

...enlarged image. This is when you'll need to seek out higher-resolution options, because **images** from low-end **digital** cameras and photos-on-floppy providers will fail you.

Photo Fun

4 photo projects in...

...calendars, coffee cups, and postcards--each in under an hour.

Project: Real-Estate Flyer

Tools: **Image** -editing software, Adobe PhotoDeluxe

Step 1: **Digitize** a photo ...was the background gradient. The flyer is now ready for output on a color inkjet **printer** .

Project: Calendar

Tools: The PrintShop Deluxe CD Ensemble, image-editing software (optional)

Step 1: If...

...Then you're ready to print!

Project: Photo Mug

Tools: Image-editing software, Fargo FotoFun! **printer** , Fargo Mug Kit

Step 1: Use an image-editing application such as ColorIt! to touch...

...to write 1995 (right).

Step 2: Print your image on the Fargo FotoFun! dye-sub **printer** , using the **printer** settings recommended for coffee-mug transfers.

Step 3: Secure your printout to a supplied coffee...

...text (see below).

Step 5: We printed the file on the Fargo FotoFun! dye-sub **printer** , using paper supplied in Fargo's postcard kit. The final product was a glossy, photograph-quality postcard suitable for mailing.

Project: Postcard

Tools: Adobe PhotoDeluxe, Fargo FotoFun! **printer** , Fargo Postcard Kit
Step 1: Our original photograph of the carousel horse was
unimpressive, especially...

16/6,K/6 (Item 2 from file: 275)
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01854421 SUPPLIER NUMBER: 17443202 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Highlights from the exhibition. (includes related articles on art
galleries, publishing, printing and Postscript, and Masters of Media
showcase) (special supplement to Seybold San Francisco '95) (Industry
Trend or Event)

Sep 18, 1995

WORD COUNT: 24458 LINE COUNT: 02000

... accept PostScript files.

Also in the booth will be the Datametrics Cymax high-speed color
printer , which A.B.Dick markets as the Digital Color **Printer** . It can
print up to 20 A4 pages per minute (see Datametrics, below). A.B...

...the Macintosh transports electronically produced documents over
telephone and isdn lines, LocalTalk networks or the **Internet** . Group
Logic, a developer of telecommunications software for the desktop video
conferencing and graphic arts...

...Tech, a supplier of page description languages, will show a group of
products from its **Printer** Systems Division, including a low- to
medium-speed device that automatically switches between PostScript and...
...its ColorTec server, which converts a digital color copier into a
full-function color network **printer** .

Agfa1201

See Hot Picks, where the Chromapress is highlighted.

Besides the Chromapress digital press, Agfa...Alpha Merics4325

Alpha Merics will show the same 300-dpi Spectrum wax-based ink-jet
printer it featured last year (see Vol. 3, No. 3, p. 4, and No. 9, p...

...AquaBond, an ink and media combination for generating waterproof prints
from any NovaJet or compatible **printer** . It also will show Graphic Arts
ink, which is claimed to be 40% more resistant...

...reusable blocks of text.

Archetype2225

Archetype will demonstrate a prerelease version of Archetype Duo, its
Web publishing application, plus its Information Management System 3.0, in
its official launch after being...

...connected to an APS-200 opi server driving an APS ColorMaster, an
APS-200 laser **printer** and an APS 650PS large-format **printer** .

Autologic also will offer some new networking services.

Meanwhile, procedures leading to the merger with...and firmware (see
Vol. 3, No. 2). It will be demonstrated integrated into a prototype **Web**
browser from Spyglass.

Corel has licensed the TrueDoc technology for use in its product line

...

...Layout Software provides on-screen control of scanning, cropping,
positioning and aligning of large-format **images** . Print-O-Matic **sends**
files processed by CactusPower to any Cactus-supported **printer** device.

Cactus is also expected to announced Cactus Soft Proof, a new
color-calibration system...

...of printers and input devices. Among them will be the new TechJet
wide-format color **printer** . Also demonstrated will be the EcoGrafix Film

Imaging System, which requires no chemical processing (see...

...professional photographic imaging equipment. It is also the exclusive distributor of the Megavision T-2 **digital** camera. This three-shot system, which captures 12-bit color **images**, can be used as a camera back or stand-alone camera (see SRPS, Vol. 23...new Hewlett-Packard 750 large-format electrostatic plotter and the new Xerox Regal 5970 copier-**printer**. It also will be driving an Encad NovaJet ink-jet **printer** and a Canon CLC digital copier-**printer**. Support for the Xerox Versatec is planned. (For more on Cyclone, see Vol. 2, No...

...show its WebStorm service linking service bureaus with potential printing customers via the World Wide **Web**, as was shown at the Seybold Seminars in March.

Color Partnership901/1213/2825

Exhibiting in...

...improve readability, even at sizes smaller than 7 points.

Also new is the Common Ground **Web** Publishing System, which consists of client and server components. The client is used for creating DigitalPaper documents and linking them to resources on the **Web**. A tool for creating url links enables document authors to link DigitalPaper documents to html pages, other **Web** sites or other DigitalPaper documents. Any table of contents or document summary information is automatically extracted by the **Web** server for insertion in the html templates.

The server creates a navigational infrastructure for a...

...DocuTech, it is possible to build an entire job consisting of many disparate pieces -- opi **images**, user fonts and layouts. The user selects from available files, indicates print options and then **sends** the job to any **printer** site, either on the network or remotely. The DocuServer host opens the job ticket, gathers all required job components and **sends** everything to the appropriate output device.

Corel3344

Corel was a last-minute entrant, so we...

...Craig will feature the ColorScribe 6000, which it claims is the first color ink-jet **printer** capable of labeling printable cd-r media. Craig develops special cd-r media to work...

...to 8,000 dpi. Also shown will be models of its LightJet continuous-tone color **digital** film recorders that **image** onto rgb photosensitive materials.

Dalim Imaging Software501

Dalim will show Maistro, its production planning, control...

...21).

Dalim also will demonstrate Calypso, its page makeup and retouching package; Bolero, which executes **digital** artwork and reproduction for the packaging industry; Galerie, **image** and document archival software; Toccata, server software for the direct-to-plate market; and Twist...

...conversion software with an autotrapping option.

Datametrics4411

Datametrics will show its Cymax 3240 wax-transfer **printer**, formerly called the 3010, developed for use in the defense business and now available commercially...Network, a high-speed backbone that transports files of more than 100 mb via secured **Internet** access.

DK&A1937

DK&A will show a new version of Inposition, its imposition program... and wide-area networks, and various input and output devices.

The CelServer also offers an **image** database with **thumbnail** views of all **images** in the current workflow for **image** browsing. Activities can be monitored by job or by workstation. All elements associated with a

...

...through oem deals.

Electronic Book Technologies1137

EBT will show its DynaWeb 1.0 sgml-based **Web** server software, introduced a year ago at Seybold San Francisco (see Vol. 3, No. 2). It provides **Web** client browsers with the full functionality of the DynaText search engine, including the capability of...

...and complex searching.

EBT will also show Figleaf ("Figure leaf"), a free, multiformat World Wide **Web** browser. It directly supports viewing of native cgm files and a broad range of other...

...gif, epsf, cals (ccitt group 4), bmp, Sun Raster and jpeg. Helper applications, specified in **Web** browsers' "Options/Preferences" area, are automatically launched when a browser encounters a format it doesn't...

...support.

EBT also will show WebTap, a free HotJava applet for stress testing and analyzing **Web** servers. It can be directed to "tap" a **Web** server and report back such data as response time, download time and processing time for document requests. In addition, it enables "continuous tapping" to stress-test **Web** servers.

Electronics for Imaging1014

See cooperation with Indigo in Hot Picks section, where it is...

...will highlight its full-bleed, 11.sup.2 x17.sup.2 Stylus Pro XL color **printer**, which offers 720x720-dpi output, and the letter-size Stylus Pro. They will be ...Equilibrium will demonstrate the expanded capabilities of its DeBabelizer, with support for interlaced gif (the **Internet** standard graphics format for World Wide **Web** browsers) with selectable transparency. Version 1.6.5 supports cross-platform graphics translation for more...

...by the rip than the old composite-font format.

Folio3925

Folio will demonstrate its Infobase **Web** Server, an http server for nt, which makes Folio Infobases available across the World Wide **Web**. Using the new server, an Infobase can be accessed simultaneously by users on the **Web** and by others using Folio Views 3.1 locally. The server performs on-the-fly translations of Infobases into html format for immediate viewing using standard **Web** browsers.

Folio will show its Retriever for finding and downloading user-specified information from the **Web** to populate Infobases. As a Folio Infobase, the information automatically includes full-text indexing and...

...artwork between ad agencies and publishers. It takes an electronically created document and saves the **image** with the outline of all fonts as an eps file. This file is then **transmitted** digitally, to one or more destinations simultaneously, via a dial-up isdn line at a...

...importing of Illustrator 5 files, the ability to create image maps for use on the **Web**, frame-by-frame animation, a mosaic brush and a floating drawing layer that creates vector...layout features by allowing the user to define specialized layout styles for the World Wide **Web**.

In release 2.0, Harlequin has expanded the basic functionality to support Unix, Windows and...

...processing capabilities ensuring that changes in a master document are automatically mirrored on the relevant **Web** pages.

Harlequin's Color Management System (HCMS) will have its U.S. launch after a...

...and ScriptWorks enable a user to get a contract proof off of a digital color **printer** and to be assured of accurate color from the platesetter or digital press.

Harlequin will...and photo, p. 18).

Home Pages3439

Home Pages provides a wide variety of World Wide **Web** authoring and site development services, and is the creator of the World Wide Yellow Pages. Its demonstrations will include examples of 3d virtual reality **Web** sites.

In addition, Home Pages is designing the vrml 3d trade-show exhibit for Seybold...

...it shortens mounting time to five seconds. The scanner also employs Imacon's analog-to-**digital** conversion technology.

Image Technologies Developments3343

Image Technologies, which we covered at Drupa (see SRPS, Vol. 24, No. 21), will demonstrate its...of html tags based on existing file structure.

Html Transit also includes features that improve **Internet** response, such as optionally displaying graphics as thumbnails or "see graphic" hyperlinks, and splitting large...

...is a customized workstation designed to capture, transfer, process, manipulate, output and archive professional-quality **digital images**.

It comes packaged with a Nikon E-2 **digital** camera and a 24-bit, 600-dpi (interpolated to 2,600 dpi), 11.sup.2...multiple output devices. Also new is the DisplayMaker Express, a fast, wide-format ink-jet **printer** unveiled at Drupa. It prints at 307 dpi on material up to 54.sup.2...

...free imagesetter, first shown at Seybold San Francisco '94. The system includes a plain-paper **printer** and a film-based imager, which uses a heat process to image alternately on monochrome...

...a Profile Viewer that makes it possible to see on the screen the color a **printer** will print and to view Photoshop separation tables.

Light Source will also show a ColorShop...and images are distributed in an electronic format, typically on cd-rom and over the **Internet**.

Minolta3142

Minolta will feature the RD-175 digital camera, which incorporates a Minolta Maxxum 400si...

...It costs less than \$2,000.

Minolta also will show the CF80 Plus digital copier- **printer**, which features its Q-Script 3000 controller and prints up to 11.sup.2 x17...

...an America Online company, is offering a new service, called NaviService, to help companies establish **Web** sites in a commercial environment. Showcasing NaviSoft's NaviPress and NaviServer client-server software, it...

...management and remote authoring capabilities that enable companies to manage and update information on the **Web** from multiple locations.

It supports creation of text links, sound, graphics, forms and other html-based applications. NaviSoft supplies templates to speed the process of designing and creating **Web** applications. It also enables developers to create customized **Web** applications remotely using NaviServer's api and scripting languages or C programs. NaviService is available...is an integrated wysiwyg authoring and browsing tool that enables users to create and edit **Web** applications and presentations without typing html tags or urls. NaviServer incorporates a database-management system...

...Systems317

NewGen will display its ChromaxPro Color Proofing System based on the Minolta dye-sublimation **printer**. It uses NewGen's proprietary

color-management system, ChroMatch, which is embedded in the Level...

...4500 multiformat scanner, its AX-1200 Scantouch Flatbed Scanner, its NP-10 Coolprint digital color **printer** and its E2 digital still camera (see SRPS, Vol. 25, No. 1).

NoRad4544

NoRad, a...

...by magnetic-field strength and direction.

Novell2135

Novell will demonstrate an enhanced version of WordPerfect **Internet** Publisher for Windows, a free add-on to WordPerfect 6.1 that allows users to create and view documents on the **Internet** without having to learn html. New features include support for simple tables, the ability to...
...will show HyperWriter 4.2 Professional, an electronic publishing toolkit for producing cd-roms and **Internet Web** sites (see SRPS, Vol. 21, No. 19). Among the standard features are full-text searching...

...for members of a workgroup; full-text retrieval across multiple servers, cd-roms and the **Web**; automatic indexing, the ability to provide access to the object or document library over the **Web** via automatically generated html files; and a visual development environment for extending the system for...

...Associates4509

O'Reilly & Associates will feature WebSite, which it says is the only World Wide **Web** server currently available for Windows 95. Its Windows 95 features include tabbed dialogs, tree displays and Visual Basic support. Current data from spreadsheets and databases can be incorporated into **Web** documents.

WebSite works on a lan as a workgroup server.

WebSite for Windows 95 requires...Software provides hosting services and professional tools for interactive catalog publishing on the World Wide **Web**. Its **Web** Commerce Solution includes WebCatalog and WebMerchant modules.

WebCatalog provides a customizable search engine linked to...

...of graphic file formats including QuickTime movies. An "export to html" feature instantly creates a **Web** site of a catalog that includes jpeg or gif thumbnails, formatted html text, and url...

...of features to help ease everyday desktop publishing tasks. For example, it converts documents to **printer**'s spreads, creates crop marks and registration targets, creates a grid of Xpress lines, copies...

...booth to demonstrate its SearchServer and SurfBoard tool for full-text retrieval from World Wide **Web** sites. Fulcrum recently acquired a minority interest in Passage Systems, and Passage is now a...

...databases. One of its features is to make the archive available on the World Wide **Web**. (See SRPS, Vol. 25, No. 1.)

PhotoScript Group436

See Pisa Systems.

Pindar2834

Pindar will show...memory and disk storage are available.

Multiple printers can be connected simultaneously. More than 50 **printer** drivers are supported, including large-format devices from Encad and HP. Also included are fm...

...8000. The 8200 is priced at \$12,995.

Plannet Online3141

Plannet Online provides World Wide **Web** services for the graphic communications industry. Its site on the **Web** lists creative professionals, products, services and events in the field. Keyword searching is supported and...

...PrePress will highlight its recently introduced PantherPlate series as well as PrePress Main Street, its **www** site. The PantherPlate series includes the 34P, 36P and 46P, which image polyester plates 13...sound system.

Prime Option243

See Vivid Image.

QMS217

QMS will exhibit its latest color laser **printer**, the Magicolor CX, and CrownCopy, a color copier option for both the Magicolor CX and...

...announce the availability of the cmyk Press Ribbon for the Full-Page ProofPositive 3.0 **printer**. It will announce a new set of color-matching profiles for both the Full-Page...variable data and trapping. It will be priced at just below \$200,000.

The Scitex **Internet** System 10 is a turnkey system for starting to publish on the **Internet**. Code-named HomeRun server, it includes a Macintosh server (equipped with 64 mb of ram...

...company, 20 Quark Xtensions for use by remote clients, numerous other software packages relating to **Web** access and use (many of which are available free), one year of **Internet** access service, one year of local carrier service, all connections for the **Internet** and the local phone carrier (connecting over a 56-kilobit line, with a T1 connection...

...full training and support. The total cost is \$35,000.

In a Scitex shop, the **Internet** system is viewed as streamlining activity between a shop and its clients. Xpress pages and low-resolution **image** files can be accessed by clients, who can change **photos**, make modifications and **send** the pages back, using hot folders to automate procedures. **Images** and pages are tracked by the shop's Ripro Archiver.

The new workstation, called Blaze...

...S700 desktop flatbed scanner (see SRPS, Vol. 24, No. 14), the FP-600S dye-sublimation **printer** (see Vol. 3, No. 3), the DC-R1030 film recorder (SRPS, Vol. 24, No. 17...

...rip with Radiance Spectral Color Matching for HP's new DesignJet 750. NewGen's Chromax **printer** will also be on display. ColorBox is a hardware and software rip for ink-jet...

...of SeeColor's ink-jet rip for the NovaJet) and NewGen's Chromax dye-sublimation **printer** calibrated with Radiance.

* DynaLab -- DynaRip (a SeeColor oem rip for Chinese and Japanese fonts) and...StarNine Technologies4000

In StarNine's booth will be version 1.2 of the WebStar Macintosh **Web** server and ListStar, an e-mail publisher that sponsors mailing lists and provides e-mail...aquarium in its booth in which to dunk output from Encad and HP printers. One **printer** will use Sumner & Taylor ink and the other will use a commercial ink.

Sumner & Taylor...

...Microsystems1419

See Hot Picks for comments on the Java and HotJava programming languages for the **Internet**.

Besides the Java languages, Sun will display its new Netra **Internet** servers. Installable in less than two minutes, they come with preinstalled hardware and software for publishing on the **Internet**.

Sun will feature its suite of network security offerings, including Solstice SunScreen and Solstice Firewall...

...will demonstrate a new printing technology said to produce near photographic results on a monochrome **printer**. It utilizes four levels of black ink in a specially modified Phaser 340. No further...

...and Power Mac, which lets users print a ColorPrinter Reference Guide to

their own PostScript **printer** . Three new features make it easier for designers to select colors for text, borders and...the same features as ColorPrinter Software 4.1 and can work with any digital color **printer** .

UFO Systems4424

UFO will present its ColorFlare PostScript rip (see SRPS, Vol. 24, No. 21...

...an A3 scanback driving a Xerox Majestik color copier and a NovaJet color ink-jet **printer** .

Ultimate Technographics901

Ultimate will show its Trapeze trapping application and Impress imposition software, both of...

...printing system, a wide-format color imaging system based on a 300-dpi ink-jet **printer** . It is available in two sizes: 24.sup.2 x26.sup.2 (610x660mm) and 36...

...Technologies337

See Hot Picks for coverage of Vermeer's FrontPage software for getting onto the **Internet** .

Vertec Solutions1117

Vertec will show new features for its RIPz rip driving large-format printers...

...New at the show will be an entry-level or Kiosk version that accepts still **images** and text, electronically builds and **prints** a purchase **order** for **sending** by fax and provides the same browsing functionality as the full-featured version. Edi and...

...95 version will rasterize and print PostScript files to virtually any wide-format ink-jet **printer** . It costs \$3,495.

World-Wide Power3307

The World-Wide Power Company will distribute plug-ins, Xtensions, Connections, filters and utilities, using the **Internet** as its marketing tool of choice. It will market extensions for Xpress, Illustrator, Photoshop, PageMaker...

...software (Azalea); Schawk Roundup, Epilogue and Smart XT (Total Integration); QX Tools and PageTools (Extensis); **Internet** Home Page Authors (Wright Digital); PM Design Set (Bullfrog); Color Compass (Praxisoft); Fractal Terrain (Strata...8). Also highlighted will be the 1,800x1,800-dpi LaserPress 1800 Level 2 laser **printer** (see SRDP, Vol. 9, No. 11).

XChange511

As usual, XChange will display a variety of...

...as well as to paragraphs. QX-Filters enables running Photoshop plug-in filters on graphic **images** within Xpress. QX-Viewer displays **thumbnail images** of pages and allows you to scroll, zoom and page through a document easily, at...2 eps files to any PostScript device. It is not a requirement for the PostScript **printer** to be a Level 2 device. This Xtension, however, supports only Level 2 eps files...Vivagrafx. It includes a 36.sup.2 -wide private-label Encad NovaJet III ink-jet **printer** with a third-party rip (as yet unidentified) and front-end printing software. It is...

...at low-volume production.

Also new will be the 8954 Series III large-format digital **printer** , which will be available in 200-, 300- and 400-dpi models. The speed is 4...

...the new, 400-dpi, 11.sup.2 x17.sup.2 , 9-ppm Regal 5790 copier- **printer**

Xinet311

Xinet develops and markets Unix-Macintosh connectivity products. It will show FullPress, its integrated...show a Power Macintosh pci

accelerator board for vrml 3d browsing over the World Wide Web , through Apple's QuickDraw 3D.

The rip for the CLC, which features 128 mb of...

...rasterizer that bypasses the Windows 95 16-bit printing engine.

SuperPrint also includes an html " **printer** " driver that enables printing directly to html format. As an application **printer** , the html driver generates text and embedded gif and jpeg graphics. Many pages are produced **Web** -ready; others may need minor cleanup with an html editor.

Zeon2836

Zeon will introduce two...

...of the text. Thumbnails of pages can also be generated.

The DocuDriver is a Windows **printer** driver for printing pdf files to non-PostScript printers.

The Z2 pci-based multipurpose video...

...in-store cd-rom kiosk, customized direct mail, newspaper ads, point-of-purchase displays and **Web** sites. Apple is inviting showgoers to touch, feel, see and participate in the process of...

16/6,K/7 (Item 3 from file: 275)
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01833431 SUPPLIER NUMBER: 17393381 (USE FORMAT 7 OR 9 FOR FULL TEXT)
More notes from Nexpo: image handling, digital cameras and links to presses; image handling: archiving, retrieval, etc. (includes a related article on companies offering newspapers pre-made comic pages)

Sep 1, 1995

WORD COUNT: 6564 LINE COUNT: 00523

More notes from Nexpo: image handling, digital cameras and links to presses; image handling: archiving, retrieval, etc. (includes a related article on companies offering newspapers pre-made comic...

... 83rd Ave., Edmonton, Alberta, Canada T5R 3T7; phone (403) 484-7272, fax (403) 484-0772. **Internet** : rscottco@tibalt.supernet.ab.ca or CompuServe: 70274,2013

AFP MacDesk handles photos, video
Agence...

...number of columns to display on the screen can be selected.

Double-clicking on a **thumbnail** produces a larger **image** . From the zoomed view, the next and previous images can be displayed using the F1...

...can be searched using Boolean and wildcard search routines.

MacDeskEdit can be used to acquire **images** from scanners via a twain interface; to **transmit** files; to edit iptc information; and to save or print files. Upon transmission, **images** are automatically placed in the out basket. Color bars can be added; files can be saved in tiff, Photoshop or jpeg format; and **images** can be brought into Photoshop for further editing.

No price has been set. The product...

...ve covered in the past (see Vol. 21, No. 20), include Photocom for receiving wire **photos** on a Macintosh, Visual Desk Plus for picture and page management, and Pagecom for compressing and **sending** Xpress, tiff and eps files to remote locations.

Ailink also showed Pronto, its new software...

...high-resolution images.

Beginning soon, the Phrasea database will be accessible via the World Wide **Web** . A cgi script will be used to transmit the query information on the **Web** page to the database.

Phrasea is currently in use in more than 2,000 installations... reflective originals, negatives, transparencies and other flat art, in sizes up to 12x18. The new **Digital Link Picture Desk Gateway** automatically transfers **images** from domestic and international wire-service picture desks to the **Digital Link System**, where they are selected, managed and archived. The initial release supports images received...

...format, or structure, to be used during import, editing and retrieval. When imported into the **Digital Link** environment, different **image** file types are automatically converted into a new "preview pack" format. The original high-resolution...

...the full **Digital Link Photo Editor** provides the tools to view, sort, annotate and crop **images** stored locally or on the **Digital Link** server. Final production tasks, such as color corrections and **image** export, still have to be done with the full application.

Remote editing capabilities, which are standard on the **Photo Editor**, are included with the **Photo Assistant**, which will enable remote users to review and select **images** stored on the **Digital Link** server, using **transmitted** preview packs, and then dynamically request transmission of high-resolution **images** for final use.

Integrated database options. AGT also introduced the **Digital Link Database**, a database fully integrated with the **Digital Link System**, which, according to AGT, significantly reduces the search times and takes better advantage of **image** resources. With the **Digital Link Database** option, low-resolution **images** are searched by keyword, limited text or bar code, initiated from a **Digital Link Photo**...

...images can be handled in the ordinary way.

Larger cd-rom changers. To handle more **images**, AGT introduced the **Digital Link Storage Manager**, which provides automated access to **images** stored on cd-rom changers (18-, 100- or 500-disc capacity). After a **Digital Link**...

...Cicsa daily color broadsheet newspaper from Mexico City, Reforma (circ. 90,000), will use a **Digital Link System** to improve the quality of published **images** and to create and manage an archive of **digital images** stored on cd-r. Each day the paper scans more than 800 color images, which ...didn't see any built-in tools for automatically transferring information out to, say, an **Internet** server.

New features for Canto's Cumulus

As is often the case, Canto Software appeared...

...and extracts all the text in the file. When archived in Fetch, for example, the **thumbnail** is displayed in the browser. Double-clicking produces the larger **image**. Version 2.0 of Fetch supports full-text searching of the description field, which contains...

...4508, Col. Villa de Rio, Monterrey, N.L. 64850, Mexico; phone (52) (8) 365-4077. **Internet** : laimex.str04@applelink.apple.com or cyan@mail.cmact.com

IBM implements QBIC in **Digital Library**

IBM has implemented its Query By **Image** Content (QBIC) search protocol into the IBM **Digital Library**. QBIC, which won a Seybold Award for Excellence in March (see The Seybold Report on Desktop Publishing, Vol. 9, No. 1), allows searching for **images** based on colors, textures and shapes. The **Digital Library** allows owners of content to digitize their assets so users can access various archived...

...its SGI and Microsoft products. The system is being used by the Vatican Library to **digitize** priceless archives. The **digitized images** contain watermarks to prevent illegal reproduction.

The Vatican Library. The extensive Vatican project involves using... resulted in manuscripts being bound together based on their size, rather

than their content.)

Once **digitized**, the **images** are sent to the Pontifico Academy in Rio de Janeiro for archiving, where they are...

...versions of some of the images on its home page. This is the address:

<http://www.ibm.com/features/library/manuscript.html>

IBM introduces MediaStreamer. IBM also introduced the MediaStreamer, a ...

...databases. One of its features is to make the archive available on the World Wide **Web**. Another feature is its ability to archive information directly from an Xpress document, which is...2 cmyk (eps jpeg) images from Xpress on either a Level 1 or Level 2 **printer**. Developed in cooperation with Multi-Ad Services, the Xtension allows users to generate separations on...

...splits the processing among numerous dsps. The card also accelerates other functions, such as acquiring **images** from **digital** cameras. A Photo CD accelerator module is planned, which will be able both to read...

...installed). Images appear with more sharpness and less noise, which is especially useful when adjusting **images** taken with **digital** cameras.

Binuscan upgrades ColorPro

Binuscan introduced to the U.S. market Binuscan II Professional Toolkit...418 Fourth St., NE, Charlottesville, VA 22902; phone (804) 961-2500, fax (804) 961-2507. **Internet** : jourcomm@aol.comm

Digital Cameras and Scanners

AP enhances NC2000's capture of details

The...

...their picture taken with their choice of camera and output on a Kodak XLS 8600 **printer**.

When we asked if we could publish a photo of one of our staff members ...the Ford Motor Company had purchased multiple cameras and that Disney also had placed an **order**.

The Coolprint, Nikon's portable **printer**, is being used in the field by the U.S. FBI and was used at...

16/6,K/8 (Item 4 from file: 275)
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01805565 SUPPLIER NUMBER: 16280777 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IFRA '94 recap: Europe adopts Windows, new systems abound, retrieving **images**. (includes related articles on Partner von dem Druck's innovative drum scanner and an acknowledgment to Apple for the use of its QuickTake **digital camera**)

Nov 17, 1994

WORD COUNT: 44978 LINE COUNT: 03568

... Partner for ad and page planning, Hasselblad for picture wire services, URW for logotype generation, **Digital** Collections for text and **image** archiving, and GFI for commercial edp. The company emphasized that the partnerships aren't limited...between ads, and creates a final page file that can be sent to a proof **printer** or an imagesetter from the VIP Classix workstation.

VIP Classix was developed at VTT in...g., iptc header information for news pictures, the system also includes routines to generate both **thumbnail images** (used during search and retrieval) and screen-resolution **images** (used during ad and page makeup).

As with the ComText subsystem, ComPict includes both static...to images.

Shot uses the same five-window Scoop sequence of actions, but it shows **image** thumbnails in window three. A click on the **thumbnail** brings up a

preview in window five. A click on the preview then brings up...Avantra 25, the AccuSet 1000, the Cobra rip, CristalRaster screening and the XC315 color copier- **printer** .

Autologic focuses on fax, plate systems

Autologic noted that it had installed its first APS...

...exactly how the job will look, displayed on a color monitor or output on a **printer** .

The system. The Rip Proofer consists of the Image Builder PC, the Visualizer monitor and...a large, high-resolution monitor, the page can be output to a monochrome or color **printer** .

Interfaces are available to connect the Rip Proofer to systems from Agfa, Autologic, Canon, Crosfield...

...although the newspaper design normally is based on the actual ad and editorial bookings.

In **order** to handle this, the **Printa** system can supply the prepress system with information about approved newspaper configurations (number of pages...kroner.

Inline transmits pages with PageLine

Inline offered no new features for its picture desks, **image** -editing workstations or archiving systems, but it did bring a new system for transmission of...

...for printing later. In part, the options depend on what equipment is used on the **sending** and receiving sides.

Because components of a page can be transmitted separately, it is not ...that the former wire-service companies and electronic libraries do. So it includes systems for **transmitting** and receiving wire **photos** and text, systems for storing and retrieving text and **images** , and products related to any of those topics. IFRA provided a good chance to see... configured with the 4D database engine. Each remote site will have a decoder pc, a **printer** and a network gateway.

AFP plans to conduct beta testing before the end of the...engine, which allows full- screen browsing of structured fields as well as text files. A **thumbnail** browser for viewing multiple tiff **images** at a time is also available.

The system architecture is based on a ...a given topic --similar to the linking we are used to with Mosaic on the **WWW** -- but this capability isn't available yet. We also think the database and search-retrieval...

...online by the database.

A complementary module for wire-service picture management, called PictureDesk, handles **images** from sources as diverse as **digital** wire services, **digital** cameras, Kodak **Photo** CD, etc. Iptc header information **transmitted** with pictures by digital wire services is automatically indexed for retrieval. Additional descriptive data for...with MAPS Tools). In the near future, the company plans to give away, on the **Internet** , a low-end version of the Browser. Both the Browser and Tools modules are currently...a Kodak cd- rom jukebox with Image Depot.

With this system, there will always be **image** information (iptc) and a **thumbnail** version of the **image** stored online. The high-resolution **image** will be stored outside the online disk space.

When an image stored on a cd features for scanning and editing **images** , plus adding iptc information. The software includes routines for **transmitting images** (drag and drop), with compression, from a remote site to a newspaper's editorial or **photo** department. It is notable that all the above functions can be performed at the same...

...scanners. As both scanners can work simultaneously, it is a productive workstation for a user **sending images** from a last-minute event.

Image Basket. **Image** Basket, which has been part of the Hasselblad product line for as long as we...

...is still being improved. New this year were facilities for receiving AP wires by satellite, **images** from the Spanish news agency EFE, and graphic files and text **transmitted** over PhotoNet.

Also new are the abilities to handle both tiff and iptc **images** and to output **images** in black and white or color to local or networked PostScript printers (a maximum of ten printers). Finally, **Image** Basket can automatically **send** to up to ten predefined destinations for each channel.

New Image Receiver. Although it wasn't...

...images to standard formats, including the iptc header, and forward the image to Image Depot.

Image Tuner. The **Image** Tuner also continues to be enhanced. This year, additions are functions for quality detection, automatic sharpening, contrast, rotation and resizing. Together, they enable an advanced sorting and automatic **sending** facility for **images** going to other units on the network. Hasselblad claims that the new functions will increase...

...of UK and world news events and features. ITN says the service will use special **digitizing** techniques that allow **images** to be taken from news video footage and achieve higher quality than has been available...the more tolerant early adopters of online services. (It can't be worse than the **Internet**.)

Although we feel that the client software may have been a bit complicated for consumers...available for a wide variety of uses.

Ratio's suite of software also enables page **images** or article text to be printed, faxed or **transmitted** via isdn lines.

The software currently runs only under dos, but Ratio said an nt...on the leased line. The maximum is 57.6 kilobits for reception in London.

Before **sending** the file, we created an iptc header to append to the **image** using Reuters-supplied Encapsulator software (available for both the Mac and the pc). We also...

...location -- a workstation in Hall 1 of the Messegelände in Munich. We then proceeded to **transmit** the **image** to London, where it was uplinked to the satellite, added to the satellite data stream, **transmitted** to a dish on the roof of Hall 1 and received at a Tecnavia Picture...

...field, is the automatic ability to read and load iptc headers into data fields from **images** coming into the system from **digital** picture services, etc.

Watchman has been enhanced so it now has an opi option. It...

16/6,K/9 (Item 5 from file: 275)
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01628098 SUPPLIER NUMBER: 14770217 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IFRA '93 review: an industry riding the crest of a slump. (IFRA European newspaper equipment exhibition) (includes related article on trade show rumors)

Nov 8, 1993

WORD COUNT: 29699 LINE COUNT: 02288

... as well.

Digital imaging. We were struck by how many vendors are now in the **digital** imaging business, some with portable **transmitters**, others with **image** archiving systems and, of course, many with picture desks. The competition for the lightweight **transmitters** for reporters in the field is heating up as vendors figure out the best way...to the Monotype MGS3 graphics database and opi server. It provides the user with a **thumbnail** view of **images** in the specific database folders and then autoloads the viewfile image into the defined picture...a few features that would really make it worthwhile. First, the user cannot adjust the **print order** in

the queue, so a job with a higher priority cannot be moved up in...

...status. Finally, the Xtension is designed to work with one folder of files and one **printer**, but Typetronics says it is hoping to make TTServer capable of supporting multiple folders.

No...

...TTServer has been set, but users can expect to pay anywhere between \$700-\$1,500.

Image Handling: Picture Desks, **Transmitters**, Etc.

The field of electronic imaging is exploding. Picture desks, portable **transmitters**, **image** databases -- they are all coming out of the woodwork. IFRA has always been a good...Digital Collections of Germany with a nice system for storing and retrieving both text and **photos**. The DC System has a particularly nice link to Quark Xpress, which is in use at a German newspaper. * Microservice Informatique of France, which showed an **image** database as well as an editorial system mentioned earlier. * Telpress of Italy, which is moving into **image** handling from its straight-text origins. * Tecnavia, which had not only a new portable **transmitter**, but continued its move to standard platforms and updated its software as well. * Reuters, which decided to support an **image** database by tapping

Phrasea II, a French development. * Inline of Germany, which has added a...

...2035 scanner (faster, but bigger, than a Coolscan), a modem, scanning software and hotoshop for **photo** editing. AFP's intended use of the system is in a remote, but fixed, location, rather than for reporters needing to carry a unit for **transmitting photos**. One of the requirements, AFP said, is to be able to scan and **transmit** concurrently.

AFP showed some nice features in its own software, such as a queuing system...functions we find crucial -- queuing jobs for transmission, reprioritizing the queue to let an urgent **photo** be **transmitted** ahead of ones already in the queue, a log of system activity (to serve as a record of which **images** have been sent, among other things), etc., in addition to the ability to scan and **transmit** at the same time.

But there is another key difference between the competitive machines, besides...

...more processes. PhotoLynx Pro, which is restricted by the Macintosh operating system, can scan and **transmit** concurrently, but Pixolo can edit or **transmit** while scanning -- not to mention do a prescan on one Coolscan and a full scan on the other, all the while **transmitting** and editing other **images**.

Like most products in the market these days, PhotoLynx supports jpeg compression, dit 3.2...

...be stored for reuse. The screen can be set up to display any number of **images** at a time. Moving through the database is easy -- scrolling, paging, tabbing, etc. A contact sheet of thumbnails can be **transmitted** to the office, allowing an editor to pick the **photos** to be **transmitted** at full resolution.

PhotoLynx will support LocalTalk Remote Access, enabling a remote user to access...

...of a tiff communication board.

Arkive automatically indexes data based upon iptc file headers for **digital** wire **images**. Analog **images** will require cataloging. There will be specific search sets based on naa or iptc definitions...

...will come with Helios Ethershare for access by Macs, or through pc/nfs for pcs.

Digital Collections retrieves text/ **images**

One of the most interesting new products in the retrieval area was a

text-and...jukebox.

Thumbnails are displayable in a variety of formats on the screen. Clicking on a **thumbnail image** brings up an information box that includes the caption and another thumbnail. All information in...

...picture is associated with an article, bringing the article to the screen also brings a **thumbnail** view of the **image** .

Hyperlinks and multimedia. The DC System supports hyperlinks, which provide additional functionality such as displaying...of the system.

The TwinScan can overlap other processes as well, such as manipulating or **transmitting images** while scanning takes place. We didn't run exact timing tests to see how much...

...running another one concurrently, but a quick comparison of the time needed to scan an **image** once when no other scanning was taking place and again when the other scanner was occupied didn't show much difference. Hasselblad said it had run tests in which two **images** were being scanned and three were being **transmitted** , with only a slight speed impact.

TwinScan works in eight-bit mode, but from the...

...enhance the highlights, shadows or midtones.

Features. The system has some nice features, including an **image** log that tells what has been done to each **image** (editing, scanning, **transmitting** , etc.) and a history log that reports similar information for the entire system (useful if you forget whether you actually sent a specific **image** or not).

Output queuing functions are convenient, with facilities for moving an urgent photo ahead...

...new software release in January will provide support for additional scanners and a feature to **send image** data automatically to a certain receiver.

Image Depot. Hasselblad also demonstrated its Image Depot production ...virtue of its multiprocessing operating system, the archive system can receive transmissions, crop and size **photos** , separate color **images** and **transmit** finished **photos** to a production system concurrently.

In the booth was an Autologic rip producing full pages...came across a Dutch company called FrameNet BV that had developed software for scanning and **transmitting photos** .

The software was fast and easy to use, Nikon said, and it handled analog as...product ready for release by the end of the year.

In the area of portable **transmitters** , Sandia similarly is in a state of transition. It has a product that works, using a Coolscan scanner and SnapShot **image** manipulation software. But the unit isn't really portable. We would call it transportable rather than portable. (see **photo**). Sandia says it is waiting for a laptop computer with high-quality video before it ...

...product in its SecuMind system, though. It uses a video camera and a dye-sublimation **printer** to print cmv data on plastic cards with or without magnetic strips. It is designed...

...to the images or logos, but not on all of the standard iptc header fields. **Thumbnail images** can be viewed six or 12 at a time, paging through the database. Photos are shown in full-color, 16-color or gray-scale format. Double-clicking on a **thumbnail** brings up information about that **image** or logo.

Image editing is done in programs such as Photoshop or PhotoStyler. Watchman. Watchman, which also runs...

...toward open systems, Tecnavia demonstrated its picture desk, its archiving system and a new portable **transmitter** that uses the ubiquitous Nikon Coolscan slide scanner. Also new was **Photo Edit**, a software link for handling **photos** to be used with pagination systems.

Photo Dig "portable." Like most of its competitors, Tecnavia's **Photo Dig** portable isn't ready for field use yet, although the first test

machine will...

...a card with a 68000 processor and 8 mb of memory. The 68000 compresses and **transmits** data to avoid slowing down the main cpu controlling the scanner. Like Sandia, the '486...

...such as defaulting to the last phone number dialed and queuing photos for later transmission.

Photo Edit. Making its first showing, **Photo Edit** is an automatic link to pagination systems for processing **photos** using opi standards. In the booth, Crosfield and Unisys systems were **sending** page information to **Photo Edit**, where **photos** can be cropped, edited (by adjusting the histogram manually or selecting one of ten preset...

...pcs over local area networks or remote communications.

A program called Edicola is used for **transmitting** and receiving news and **photos** over switched lines.

Image handling. The newest development being exhibited was a system for handling...

...images) at a remote site.

The system, running in the Windows environment, generates low-resolution **thumbnail** representations of **images**, which can be selected to access the high-resolution version over isdn communications lines. In...papers.

Also notable were the arrival in force of the Océ Graphics G9000 thermal proof **printer** and the Information International 3850 recorder. A couple of scanner manufacturers -- Eskofot and Tecsa -- focused...

...driver, AccuSet 800

Agfa, which had one of the hits of IPEX -- its Chromapress digital **web** press, didn't bring it to IFRA. However, it used the same rip -- the new...

...A rip developed for the Chromapress -- to drive Canon's CLC 350 oem color copier/ **printer** engine for the first time publicly.

The system, which Agfa calls the XC315, comes in...price doesn't include some options for the scanner.

Eskofot also demonstrated its Esko DDS **digital** descreening software, which converts prescreened **images** to continuous tones through software, rather than merely using defocusing or unsharpening techniques. It works... job queues and software for pairing pages for outputting two-up sequences.

Océ features G9000 **printer**

Everyone else seemed to be showing the Océ Graphics G9000 thermal-technology **printer**, so it was appropriate for Océ to take a booth at the last minute and...

...to load and unload film.

Orbotech announced that it will offer an Océ Graphics monochrome **printer** as a system proofer. It prints at a resolution of 400 dpi within an image...

...in less than two minutes.

Called the Sprint Proof, it can run as an integrated **printer** sharing the Sun-based rip of the imagesetter or with its own rip as a standalone **printer**.

Orbotech has opened an office in Les Ulis, France, headed by Jean-Claude Lacault and...site where it decompressed and dispatched for output.

At IFRA, Tecsa was scanning ads and **sending** them to a Cybervision system in an adjacent booth for placement on pages. In its...

...set up multiple pcs to divide the scanner control functions as well as data decompression, **image** management, spooling, opi functions, etc., which generally happen remotely.

When multiple ads are scanned in...

...adds Clipper Cadet (LBP-BX)

Like everyone else, Xitron has added the Canon LBP-BX **printer** to its output lineup. Xitron, which calls it the Clipper Cadet, runs it at 1...

16/6,K/10 (Item 1 from file: 9)
DIALOG(R)File 9:(c) 2003 Resp. DB Svcs. All rts. reserv.

2661988 Supplier Number: 02661988 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Web **proofing proves to be a hit**

December 1999

WORD COUNT: 1497

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Web **proofing proves to be a hit**

(Film processor Natural Color Lab has introduced an Internet -based
**proofing service; operates in a 11,000 sq ft building serving 130 active
professional...**

ABSTRACT:

Stoughton, MA-based Natural Color Lab, film processing company, has introduced **web** sites bridalpictures.com, seniorprints.com and is developing a site, portraits.com. The sites provide...

TEXT:

...online proofing system to serve the portrait and wedding photographer.

In May, the company launched **www** .bridalpictures.com, and followed a few months later with **www** .seniorprints.com. Co-owner Charlie Poole also plans to add a portraits.com site. After...

...from the wedding they attended, click on a thumbnail to see a larger preview, and **order prints** from the photographer.

Although the sites can be accessed from the Natural Color Lab site...

...Natural Color Lab now offers hosting and designing websites.

Professional photographers can either have their **web** pages hosted at the lab's site or can purchase a domain name of their...

...said.

Two of the more recent purchases include the CSI LightJet and a Mileca Digital **Printer** . The addition of the digital printers has sent less work to the film recorder, which...

...picture going direct to digital." He said he will probably sell the film recorder.

Other **digital** services the lab offers are storing **images** on CD. Natural Color provides a **digital** reference number for the photographer; and when it's time to reorder, the photographer simply...

...photographer needs is a computer and a modem.

To have the film scanned to the **Web** , the photographer reserves an order number; the last four digits of that order number serve...take a proactive approach to increasing orders by going to the guest book, and perhaps **sending** an e-mail to all the guests, saying something along the lines of, "If you'd like to purchase these **photos** ..."

The guest book at the seniorprints.com site features a "swear filter." If a

user...

...enter profanity into a guest book. the message "oopsie" will appear on the screen.

The **Web** team has taken extra care to protect the photographer's copyright. Poole filed a patent, for example, on the preview technology. As the viewer scans through the **thumbnail images**, he or she can preview the **image** at a larger size. If the viewer tries to "right click" on an image to...

...CONCEPT TERMS: **Internet** activity

16/6,K/11 (Item 1 from file: 20)
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Web -Based Services Offer Many Options for Digital Camera Owners
January 24, 2000
WORD COUNT: 1950

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Web -Based Services Offer Many Options for Digital Camera Owners

...drawback: what to do with your photos once you shot them?

Sure, putting them on **Web** pages and sending them as e-mail attachments is fun, but nothing compares to the...

Ah, but converting your **digital images** into prints was no picnic. You needed a cutting-edge **printer** to get top-quality snapshots. Then you had to stock up on inkjet cartridges and...

... With a few mouse clicks, you can transfer your digital photos to one of several **Web** -based services that will promptly churn out high-quality prints and mail them to whomever you choose. **Printer** manufacturers must be quaking in their boots.

Digital-photo services don't charge much more...

... conventional 35-millimeter cameras will benefit from such services if they use a scanner to **digitize** their most-cherished snapshots, then upload the electronic **images**. They will enjoy the same online-sharing features as their **digital** -camera cohorts.

Sites such as Ofoto, PhotoAccess and Shutterfly had little reason for existing a few years ago because consumer-grade **digital** cameras were relatively scarce and incapable of producing snapshot-quality **images**.

But such cameras are proliferating and taking ever-better pictures. Camera sales are projected to...

... high-resolution imagery that looks appealing on photo paper. A 1-megapixel camera produces a **digital image** with 1 million dots called pixels, just enough for a pleasing print. These cameras typically...

... files are large and awkward to manage, many consumers will love the convenience of a **Web** -based digital-photo service that automatically resizes and organizes their pictures for on-screen display...

... photos. The sites use passwords and other security measures to keep private photos private, unlike **Web** pages that are generally open to everyone.

Which service is right for you? To answer...

... and weaknesses. Some made file uploading easy while others excelled in online-album design or **print - order** -processing. A near-perfect digital-photo service has yet to emerge, we're sorry to say.

Club Photo ([www .clubphoto.com](http://www.clubphoto.com)):

Uploading options: Living Album software (Windows only) organizes your photos for batch...

... Mac) uploads directly from such programs as Photoshop and ImageReady, too. But the service's **Web** file-browsing interface uploads only one photo at a time.

Viewing and sharing:

Club **Photo** 's spare site design makes it reasonably easy to use. Creating albums is a snap...

... are put on an easy-to-scan menu for future access. Click buttons to enlarge **images** , navigate through an album, start a slide show or **send** e-mail inviting others to view your **photos** .

Print services: Ordering is too difficult here. Photos must be added to an online shopping...

... your digital snapshots to all comers, even complete strangers. But good luck ordering prints.

Ofoto ([www .ofoto.com](http://www.ofoto.com)):

Uploading options:

Use a **Web** file-browsing interface to simultaneously **transmit** up to 10 **photos** with ease. Or download OfotoNow software (Windows only) so you can crop **photos** and remove red-eye, then transfer pictures to the Ofoto site in batches. The program...

... album to see pictures in a gallery or slide-show format. Click buttons to move **photos** or to enhance their appearance. Site design is first-rate. To give others album access, **send** e-mails with links. But some visitors may object to Ofoto's mandatory sign-up...

...Ofoto saves recipient information and makes print-format recommendations based on the sizes of your **digital images** . Too bad it doesn't save credit-card information, as well.

Print quality:

Superb. An...

...looking prints, which are the two main reasons for visiting such a site.

PhotoAccess.com ([www .photoaccess.com](http://www.photoaccess.com)):

Uploading options:

Excellent PhotoStreamer software (Windows and Mac) yanks photos off a digital camera or hard drive and uploads the shots in batches. But the **Web** file-browsing interface uploads only one photo at a time.

Viewing and sharing: Pick an...are logically organized but unsightly and sometimes slow to load. To share your albums, request **Web** links that you then e-mail to others.

Print services:

Order prints individually or in batches, all from one convenient screen. But the site doesn't store...

... powerful service is marred by poor aesthetics and sometimes sub-par performance along with limited **Web** -uploading features.

PhotoLoft ([www .photoloft.com](http://www.photoloft.com)):

Uploading options:

Upload Client software (Windows only) is supposed to facilitate batch transfers, but the software is glitchy and amateurishly designed. The site's **Web** -uploading interface handles only one photo at a time, moreover.

On the up side, users...

...accept JPEG files.

Viewing and sharing:

Click an album to open it, and click a **photo thumbnail** to view a larger **image** . Then, Zoom in and out, crop the picture and move it around. A browser plug-in (Windows only) adds more **image** -handling capabilities.

To share your **photos** , **send** an e-mail with an album link.

Print services: Ordering is time-consuming because photos...

... be "zoomed" to match standard print dimensions. ("No" is often the best answer for good **prints** .)

Print quality:

A Jan. 11 **order** had not arrived when this article went to press over the weekend. PhotoLoft did not...

...on a Yahoo!-like directory. Grab HTML code for displaying your photos on your own **Web** page or on an auction site.

The upshot: Good for amateur **Web** publishers, online-auction enthusiasts and those who like sharing their photos with the whole world...

...print ordering should to be made much easier, and the uploading software needs polishing.

Shutterfly ([www .shutterfly.com](http://www.shutterfly.com)):

Uploading options:

A browser plug-in (Windows and Mac) allows for drag-and...

...because you aren't asked to fill in your credit-card info every time you **order** -- this site has transactions down to a "T".

Print quality:

Good. An index print is included.

The upshot:

A well-designed service that is marred only by limited **Web** -uploading capabilities and one major annoyance -- our two Windows browsers were automatically resized to a full-screen format every time we visit the site.

Zing ([www .zing.com](http://www.zing.com)):

Uploading options:

Upload multiple photos as e-mail attachments, via a **Web** interface (up to 36 shots can be submitted simultaneously) or using a **Web** drag-and-drop interface that is essentially identical to Shutterfly's version.

Viewing and sharing:

Click to see pictures in your various albums or an inbox containing unfiled **photos** . Shots can be viewed in three sizes and sent as electronic cards called ZingCards. To share albums, **send** an e-mail with a link.

Print services:

Ordering is straightforward but a bit too...

... of other Zingers. Grab HTML code for showing your Zing photos or albums on any **Web** site. Use the home- **printer** feature to output your photos in a variety of sizes. Plaster your pictures on mugs, watches, greeting cards and cookies.

The upshot: Good for amateur **Web** publishers, screen-saver lovers and those who want to put their photos on public display. Zing offers a swell range of uploading options but stumbles in the **print** - **order** -processing department.

As we said earlier, none of the digital-photo sites in our roundup out with imaginative photo-viewing, home-printing and **Web** -publishing enhancements.

Julio Ojeda-Zapata, who covers personal technology, can be reached at [ojeda@pioneerpress...](mailto:ojeda@pioneerpress.com)

16/6,K/12 (Item 1 from file: 634)

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DIGITAL PHOTOGRAPHY COMES INTO FOCUS COMPUTER AND FILM COMPANIES MAKE EASE OF USE A PRIORITY AFTER REALIZING CONSUMERS ARE CONFUSED.

Sunday, March 7, 1999

Word Count: 1,540

Millions of amateur snapshot buffs are beginning to grasp the idea that **digital images** -- either from a **digital** camera or scanned from film -- can be altered with a personal computer, turned into personal keepsakes such as greeting cards, or instantly shared with friends through the **Internet** .

But, despite great strides in making the technology less expensive, digital photography hasn't spread...

... accept input from a digital camera, for example, or deciding whether pictures posted on a **Web** page should be saved in the JPEG or GIF format are baffling issues for users who aren't graphics professionals.

'It's too hard to move **images** around and share them,' says Lisa Walker, president of the **Digital** Imaging Group, an industry consortium based in Millbrae.

Digital photography, in Walker's view, needs...

... dropping off film. Customers would get back their prints and negatives as usual, but the **images** would also be scanned into **digital** format and stored on AOL's computers.

A few days after dropping off the film...

... announces ''You've got mail!'' will declare ''You've got pictures!'' Members could then view **thumbnail** -sized **images** of every picture from their roll of film. Just by pointing and clicking with a...

... mail-order photo processor Seattle Film Works and the Excite service on the World Wide **Web** .

KODAK PICTURE CD:

Feb. 1, Kodak began a national roll-out for another approach to **digitizing** traditional film **images** that uses CD-ROMs instead of online retrieval. The Picture CD service starts much like...

... and negatives. But, for about \$9, they also get a CD-ROM containing high-resolution **digital images** .

Back in 1991, Kodak tried to interest consumers in CD-ROM processing with a product...

... into a PC running Windows 95 or Windows 98 and a program automatically launches displaying **thumbnail images** , providing simple picture-editing tools and even **sending** e-mail -- using a built-in e-mail program and your existing **Internet** connection -- with digital photographs as file attachments.

Picture CD is available now at Target stores...

... copies of photographs. But the Aladdin has slots for memory cards from most types of **digital** cameras. **Images** from the memory cards are then displayed on a screen, where customers can edit them and **order** on-the-spot **prints** . The kiosk is also connected to the **Internet** , so pictures can be dispatched to friends and family by e-mail.

Several other companies...

CAPTION:

... allow you to remove your saved pictures from the camera and load them into a **printer** , computer or one of the ''smart'' kiosks that are popping up in photo shps and...

?

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